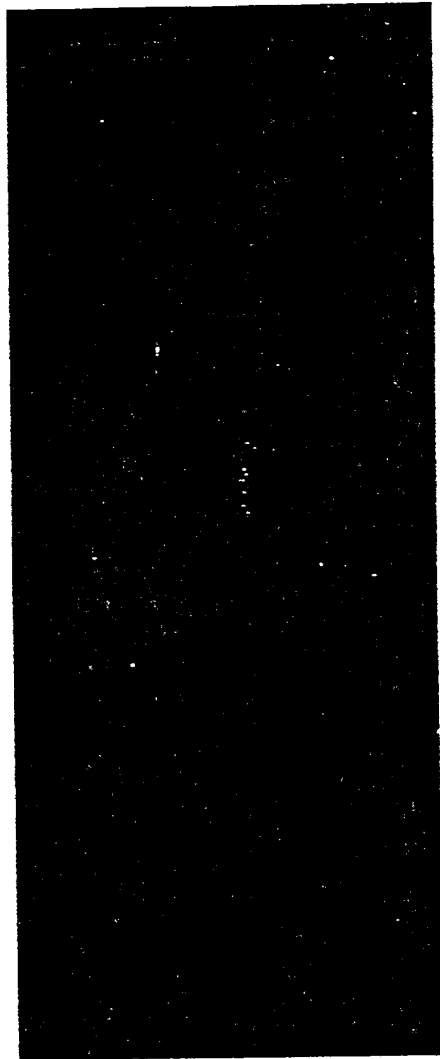


FIGURE 1

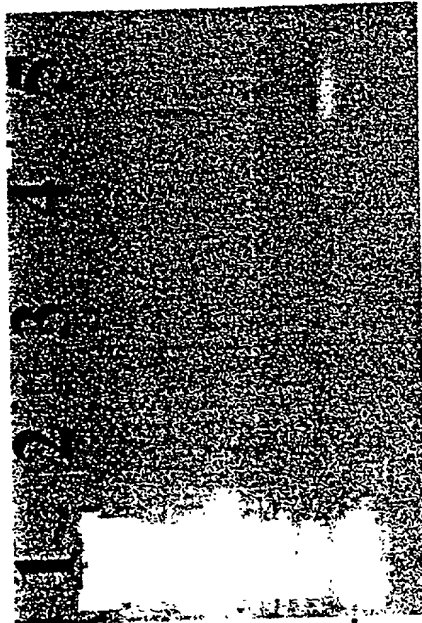
1 2 3 4 5 6 7 8



β -actin

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FIGURE 2



IL-10---

FIGURE 3

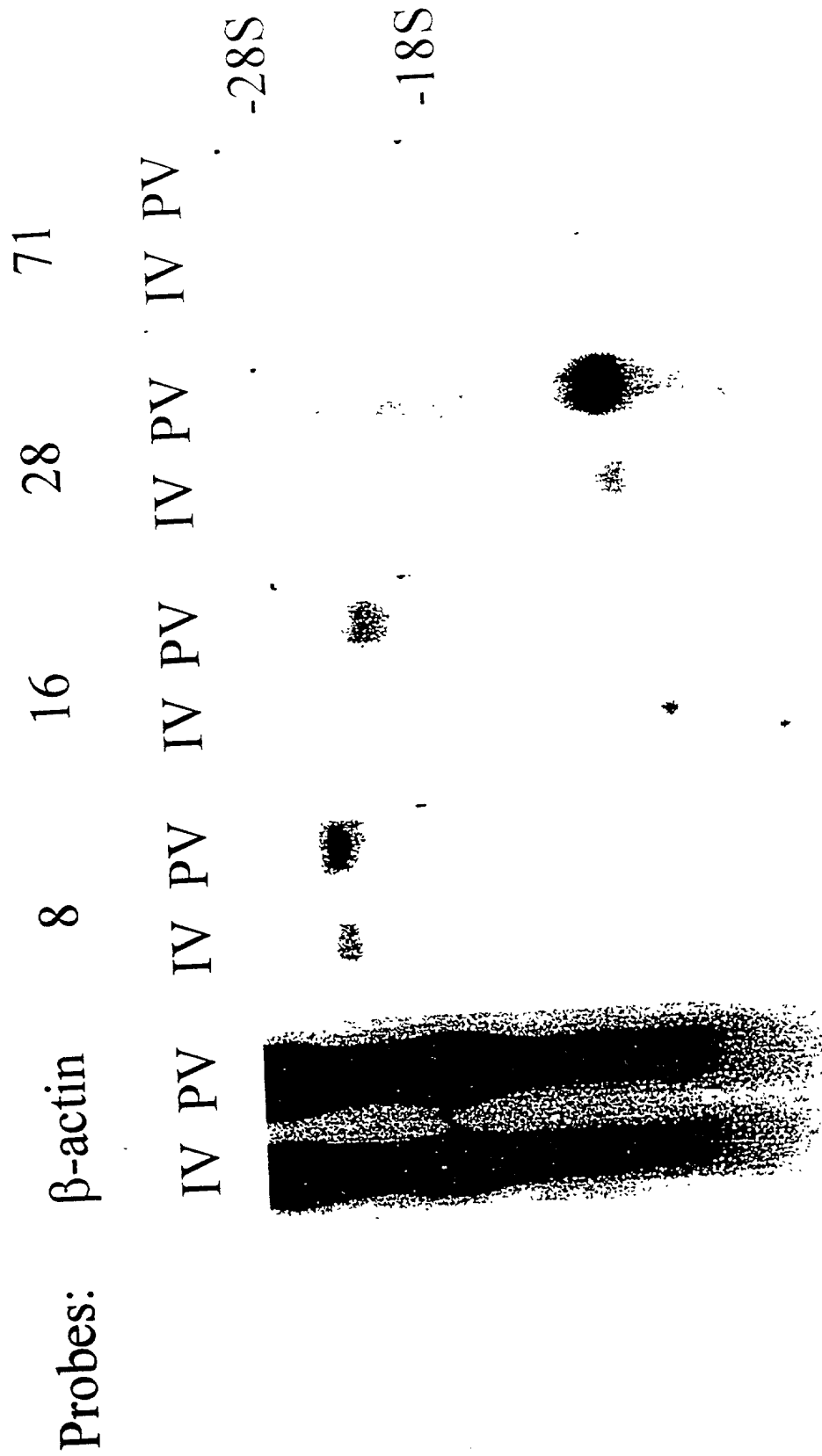


FIGURE 4

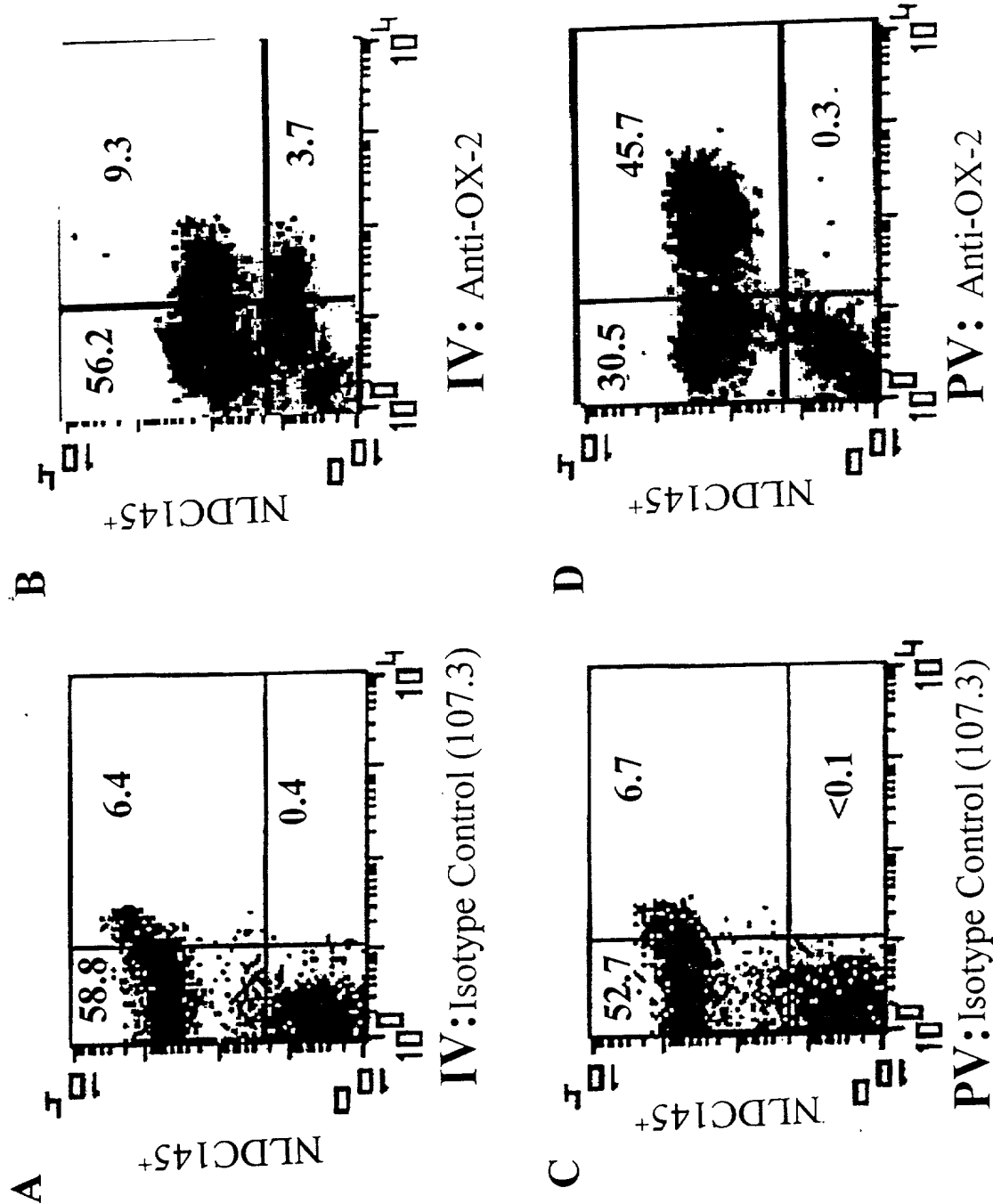


FIGURE 5A

1 2 3 4 5

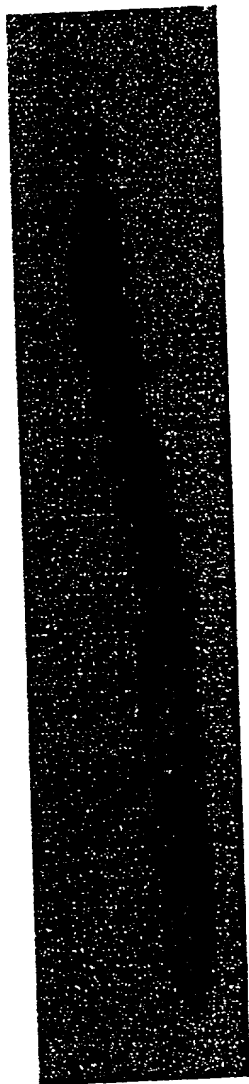


FIGURE 5B

1 2 3 4 5

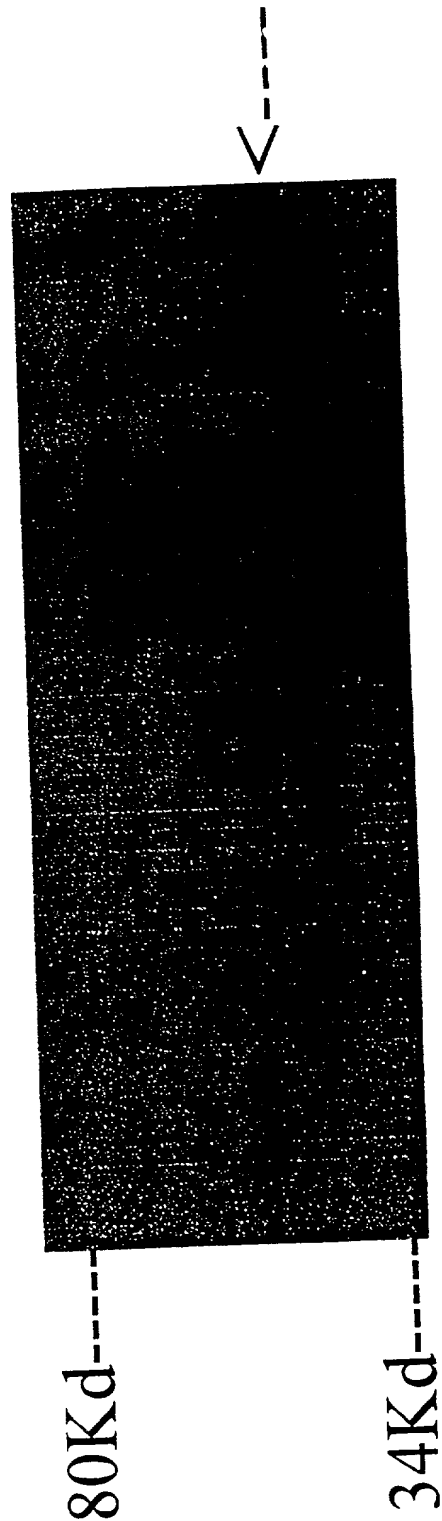


FIGURE 6

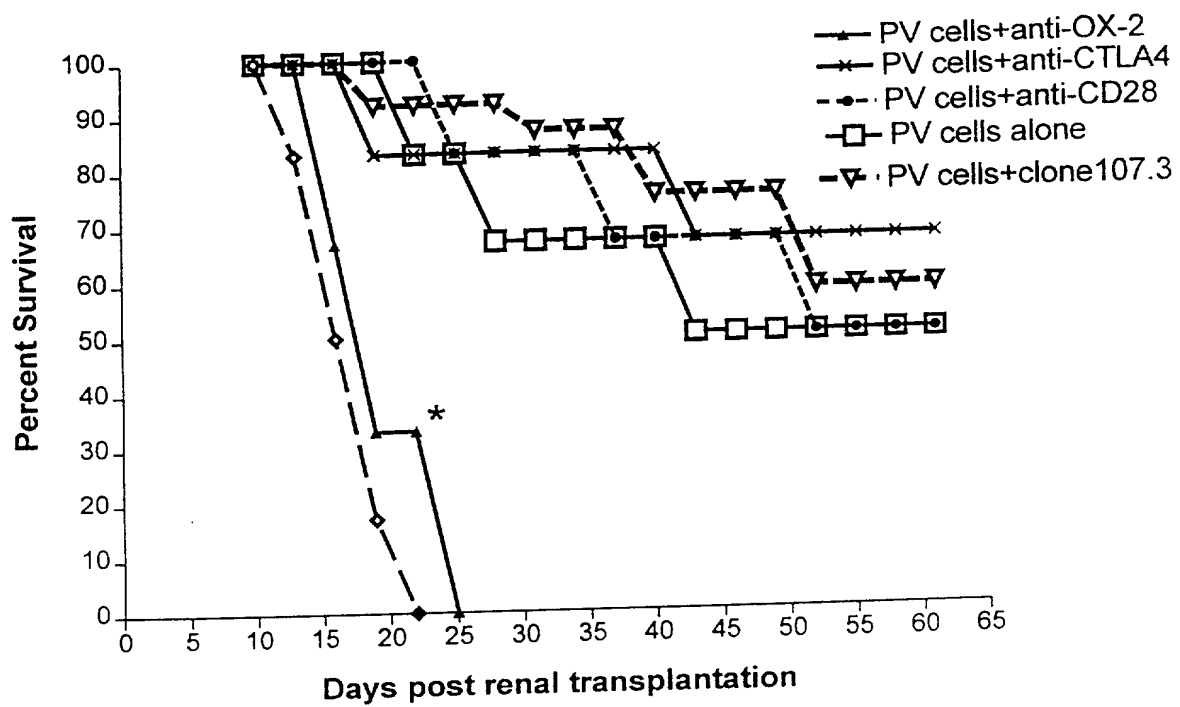


FIGURE 7

	Leader -----	
RAT	ATGGGCAGTCCGGTATTTCAGGAGACCTTTCTGCCATCTGTCCACCTACAGCCTGCTCTGGGCCATAG	67
MOU	-----T-----C-----A-T---G-----	67
HUM	--GA-----TG---C---CT-----T-----G-T---T---G-	55
	 V-like domain -----	
RAT	CAGCAGTAGCGCTGAGCACAGCTCAAGTGGAAGTGGTGACCCAGGATGAAAGAAAGCTGCTGCACAC	134
MOU	-----GC-----	134
HUM	-----G-T---T-----A-----C-----A---T---	122
RAT	AACTGCATCCTTACGCTGTTCTCTAAAAACAACCCAGGAACCCCTTGATTGTGACATGGCAGAAAAAG	201
MOU	-----A-----T-----	201
HUM	-----T-----AAA-C---GC---ATG-----G---C-C-----	189
RAT	AAAGCCGTAGGCCAGAAAACATGGTCACTTACAGCAAAGCCCATGGGGTTGTCATTACGCCACCT	268
MOU	-----GA-----C-----A---C---TG---	268
HUM	-----T---A-----C-T---G-GAA-----G---G---C---TG---	256
RAT	ACAAAGACAGGATAAACATCACTGAGCTGGGACTCTTGAACACAAGCATCACCTTCTGGAACACAAC	335
MOU	-----TG---A-----G---T-----CA	335
HUM	-T-G---A-----T-CC-----C-A--T---C-----T-TC--	323
RAT	CCTGGATGATGAGGGTTGCTACATGTGTCTCTTCAACATGTTTGGATCTGGGAAGGTCTCTGGGACA	402
MOU	-A-T-GA---GA-C-----C-----T---CA-----A-A---	402
HUM	-----G---A-G-T-----T-CC-----T-T-----A-A-G	390
	 C-like domain -----	
RAT	GCTTGCCCTTACTCTCTATGTACAGCCCATAGTACACCTTCACTACAACCTATTTTGAAGACCACCTAA	469
MOU	-----C-----	469
HUM	--C---C---CG-----TC-----A-TC-C-----	457
RAT	ACATCACGTGCTCTGCAACTGCCCGCCAGCCCTGCCATCTCCTGGAAGGGCACTGGGTGAGGAAT	536
MOU	-----T-----G-----T-----A-----T---A-----	536
HUM	-T---T-----C-----CATGG---T-----T-C-C-----	524
RAT	TGAGAATAGTACTGAGAGTCACTCCCATTCAAATGGGACTACATCTGTCCAGCATCCTCCGGGTC	603
MOU	-----C-----T-----	603
HUM	---A-----A-T---C---TG---T---CC-----C---G---T-----ATA--	591
RAT	AAAGACCCCAAACTCAGGTTGGAAAGGAAGTGATCTGCCAGGTTTATACTTGGGGAATGTGATTG	670
MOU	-----	670
HUM	-----T---G-A-----G---G-----GC-GC---C---C---CC-	658
	 Transmembrane region -----	
RAT	ACTACAAGCAGAGTCTGGACAAAGGATTTTGGTTTTTCAGTCCCACTGCTGCTGAGCATTGTTTCTCT	737
MOU	-----T-----T---A-----	737
HUM	---TT-----A-CCG-CA-----C-A-----T---G---AT---A-----C---	725
	 Cytoplasmic region -----	
RAT	GGTAATTCTTCTGGTCTTGATCTCCATCTTATTATACTGGAAACGGCACCAGAAATCAGGAGCGGGGT	804
MOU	-----A-----C-----T-----	804
HUM	-----C---C-A---A-----C-G-----T---G-----C---A---	792
RAT	GAGTCATCACAGGGGATGCAAAGAATGAAATAA	837
MOU	---A-----	837
HUM	---TG-----AG-T---A---C---	825

FIGURE 8

Leader sequence—————

-30 -1

RAT M G S P V F R R P F C H L S T Y S L L W A I A A V A L S T A

MOU -----L-----I---G-----

HUM - I - M - - S - - - V - - V M - - - V - C - -

|V-like domain (domain I) ————— *

RAT Q V E V V T Q D E R K L L H T T A S L R C S L K T T Q E P L

MOU -----A-----S-----

HUM ---Q-----E---Y-----K-----QNA---A---

31 **

RAT I V T W Q K K K A V G P E N M V T Y S K A H G V V I Q P T Y

MOU -----S-----T-----A---

HUM -----E N-----

61 ** **

RAT K D R I N I T E L G L L N T S I T F W N T T L D D G G C Y M

MOU -----V-----W--S-----H I G-----

HUM ---K-----Q-----Q---T-----I---E-----

91* ** |C-like domain (domain II)—————

RAT C L F N M F G S G K V S G T A C L T L Y V Q P I V H L H Y N

MOU -----T-----Q-----

HUM -----F G---I-----V-----S-----K

121 ** *

RAT Y F E H H L N I T C S A T A R P A P A I S W K G T G S G I E

MOU -----T-----T-----

HUM F S-----M V F-----V P R-----

151**

RAT N S T E S H S H S N G T T S V T S I L R V K D P K T Q V G K

MOU -----F-----

HUM -----V T L S--P-----H I-----N-----

181 * |Transmembrane region ———

RAT E V I C Q V L Y L G N V I D Y K Q S L D K G F W F S V P L L

MOU -----

HUM -----H---T--T--F---T V N---Y-----

211 |Cytoplasmic region —————

RAT L S I V S L V I L L V L I S I L L Y W K R H R N Q E R G E S

MOU -----I-----

HUM -----V-----D-----L

241

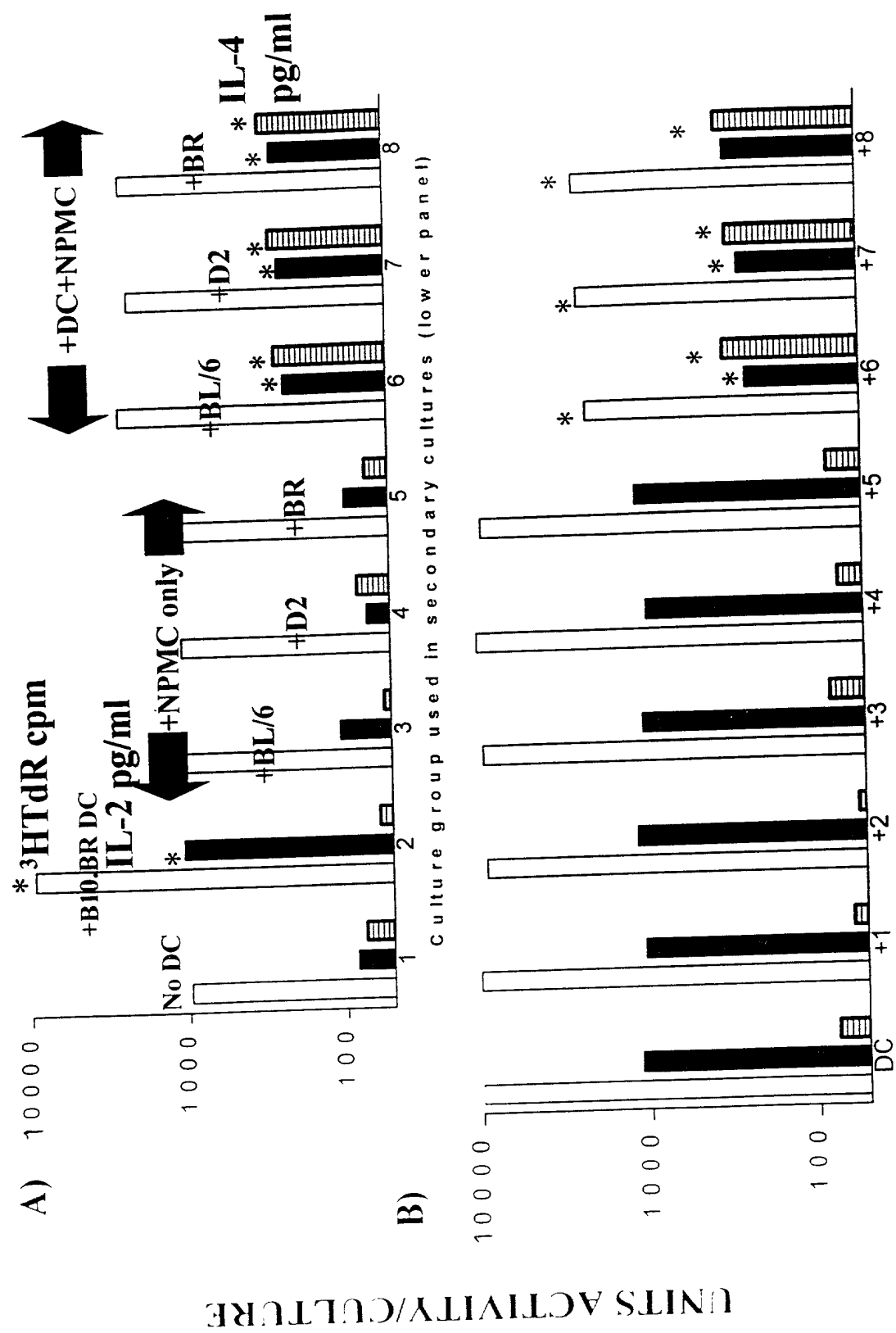
RAT S Q G M Q R M K

MOU -----

HUM -----V--K---T

* invariant cysteine residues. ** invariant asparagine (N-linked oligosaccharides)

FIGURE 9



CELLS added to C57BL/6 RESPONDER SPLEEN CELLS

FIGURE 10

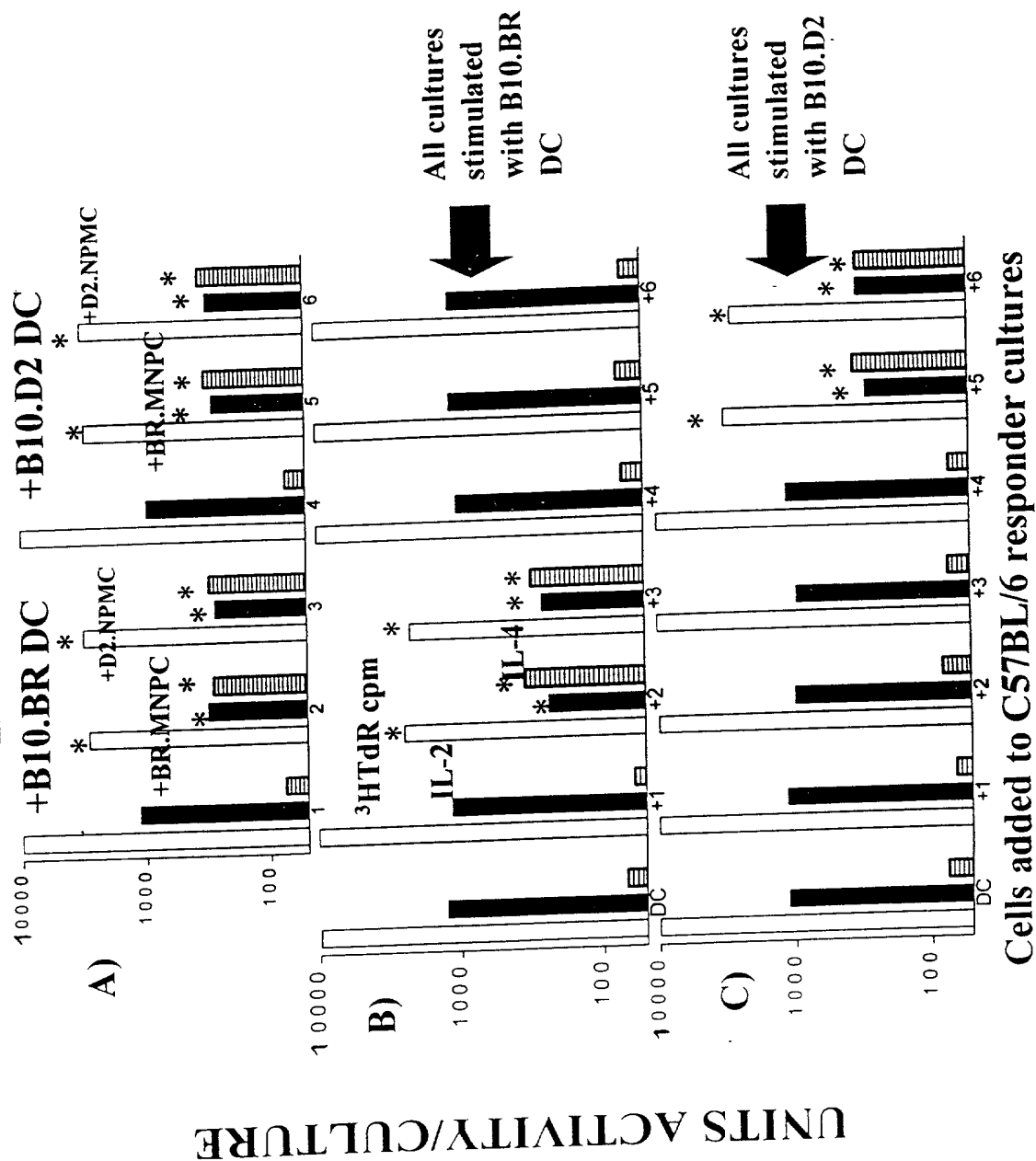
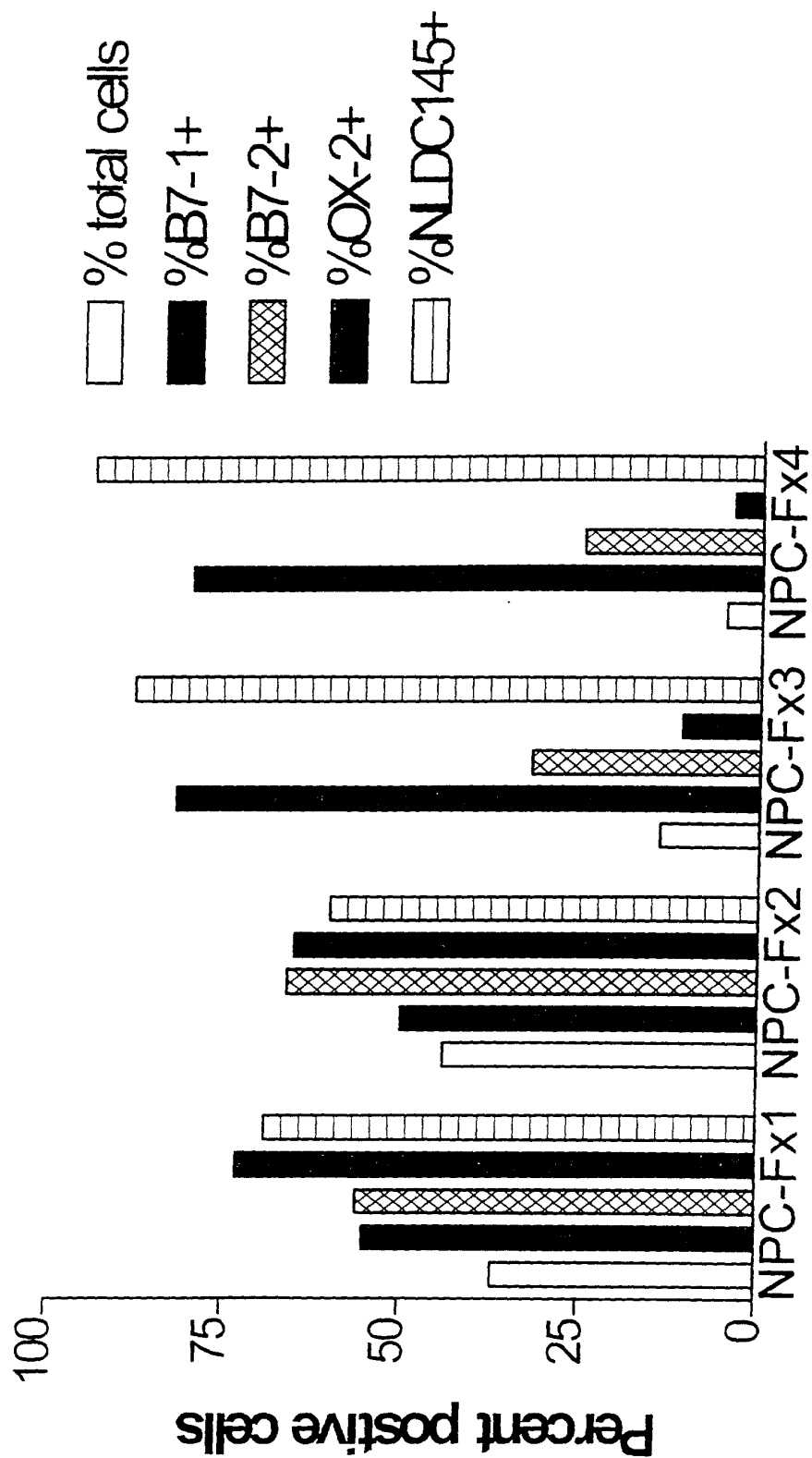


FIGURE 11



NPC from Flt3 treated mice

FIGURE 12

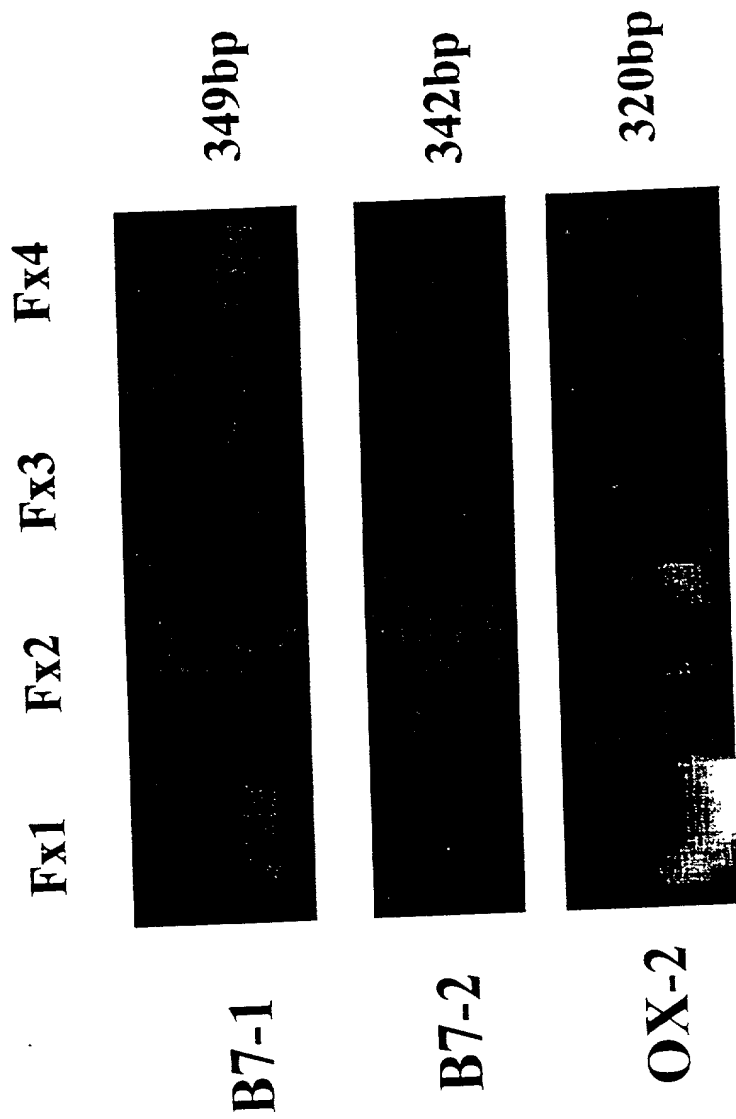
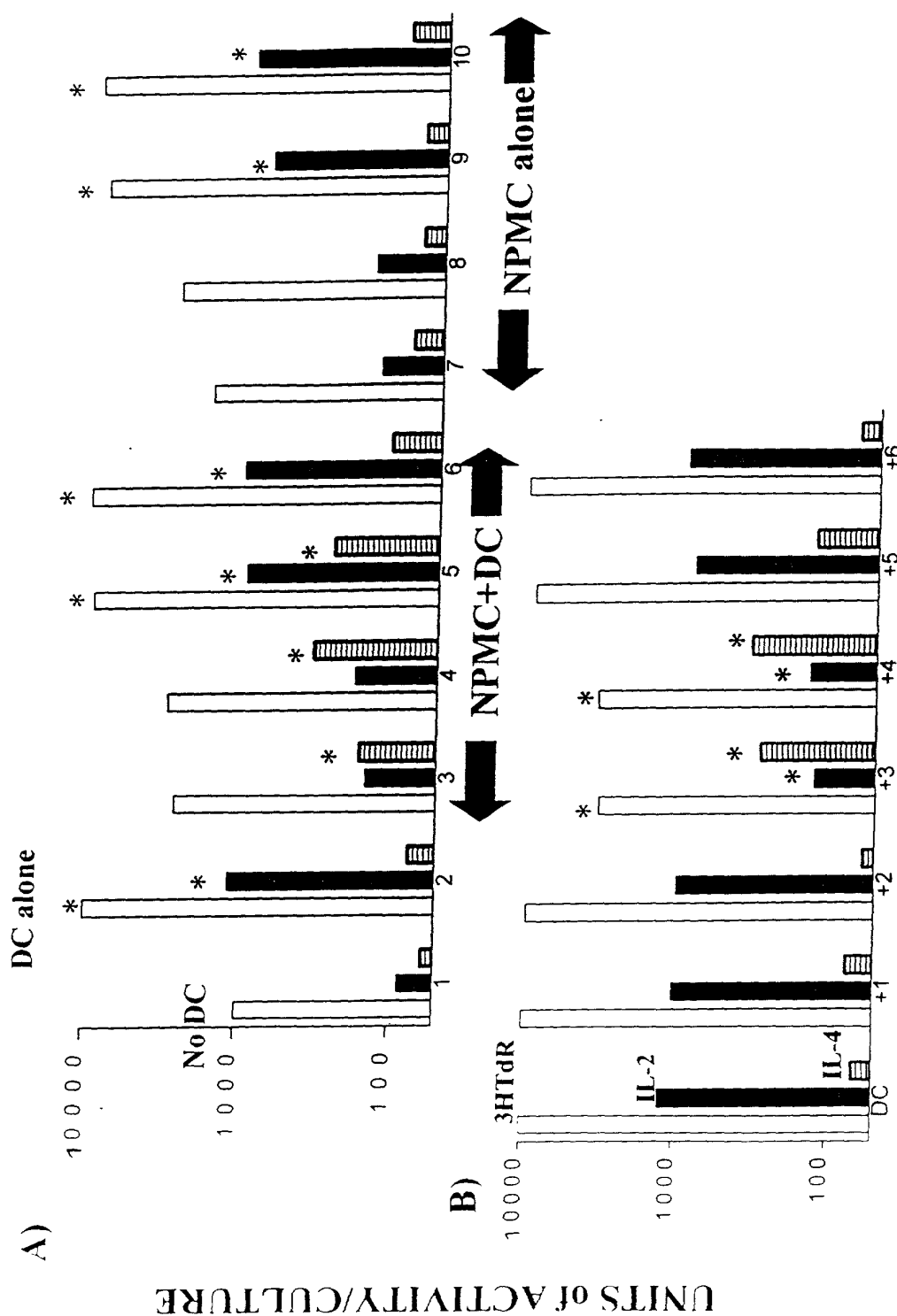


FIGURE 13



CELLS added to C3H RESPONDER SPLEEN CELLS

FIGURE 14

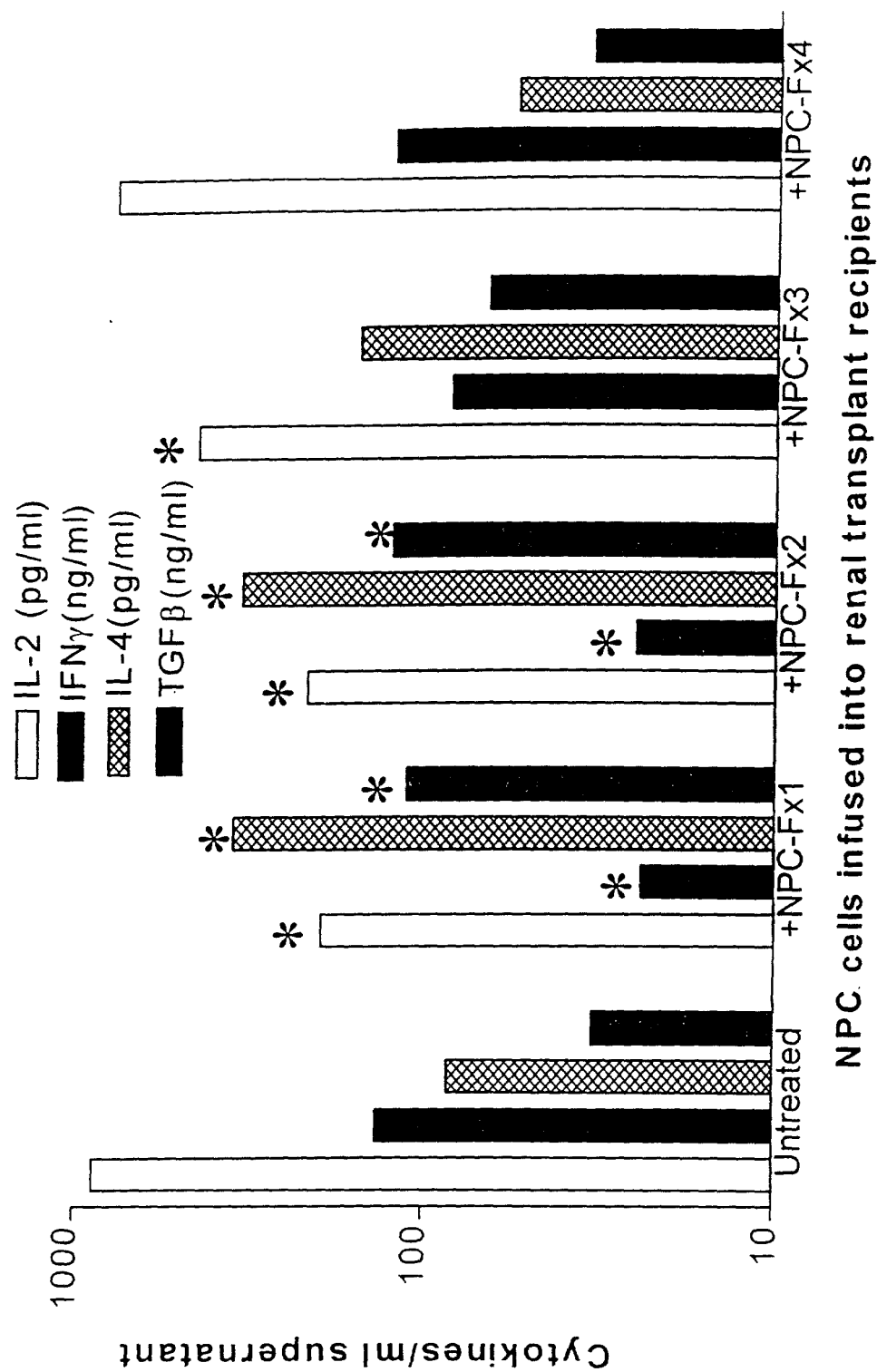


FIGURE 15

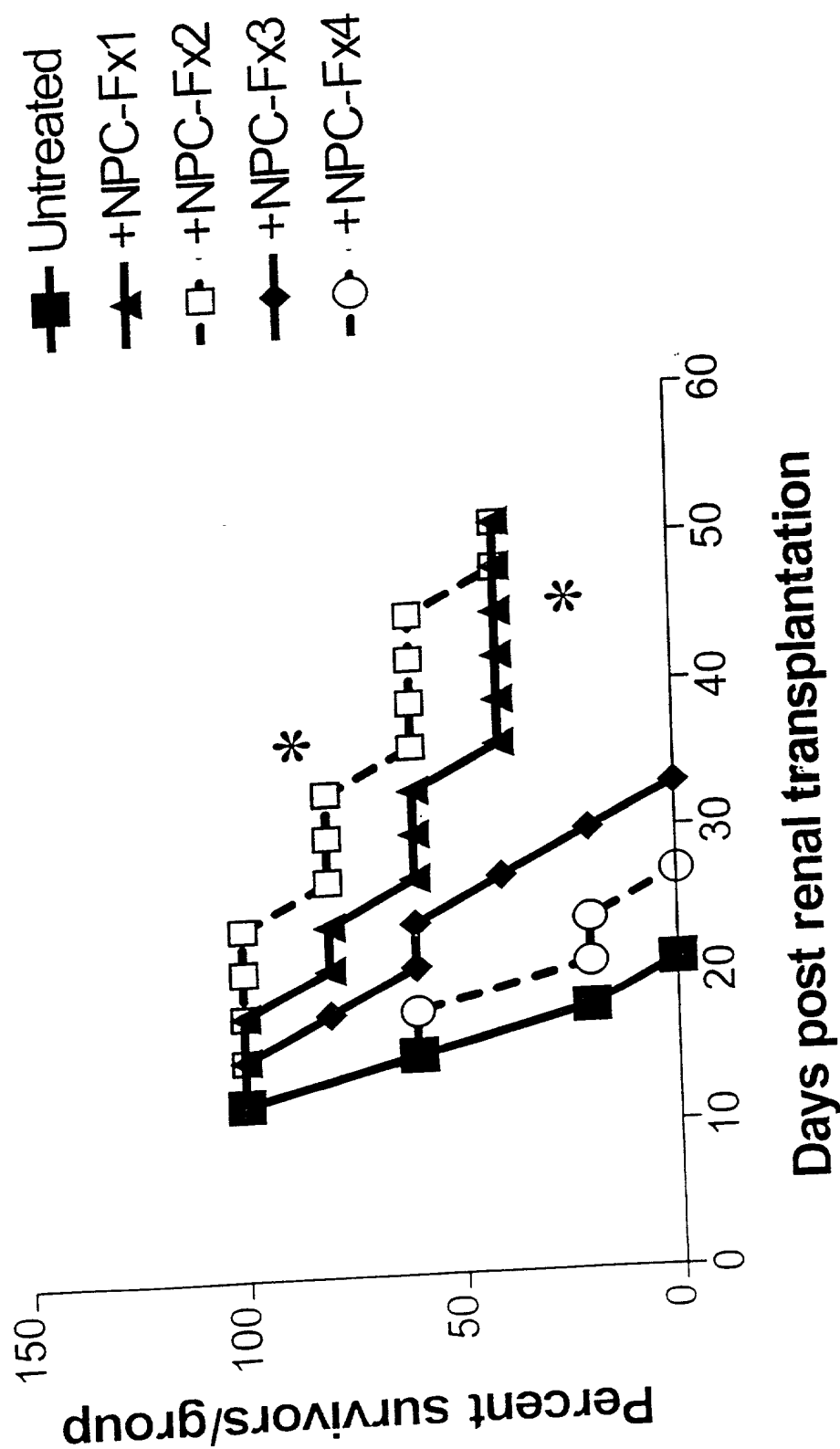


FIGURE 16

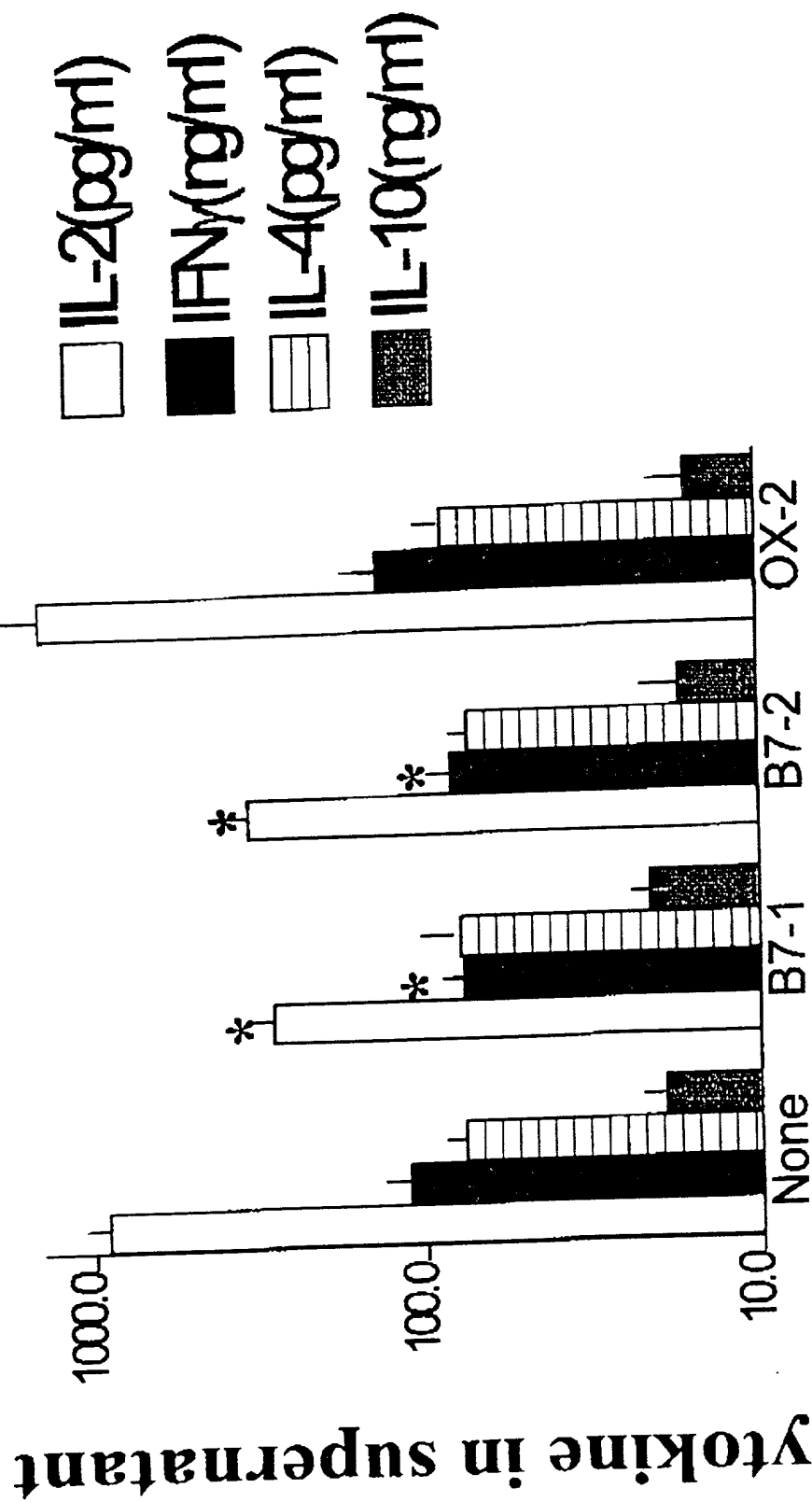
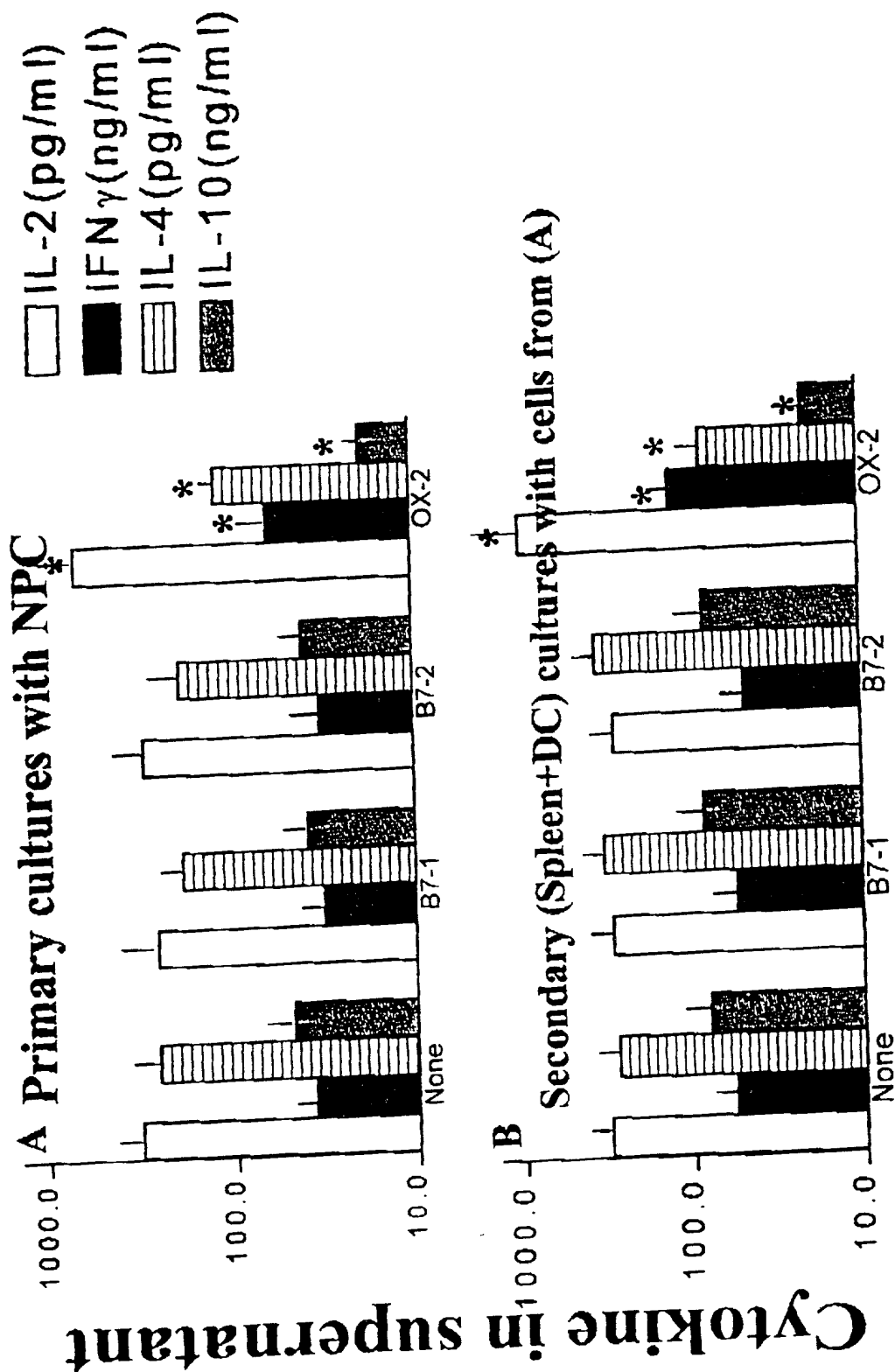


FIGURE 17



Monoclonal antibodies added to culture

FIGURE 18A

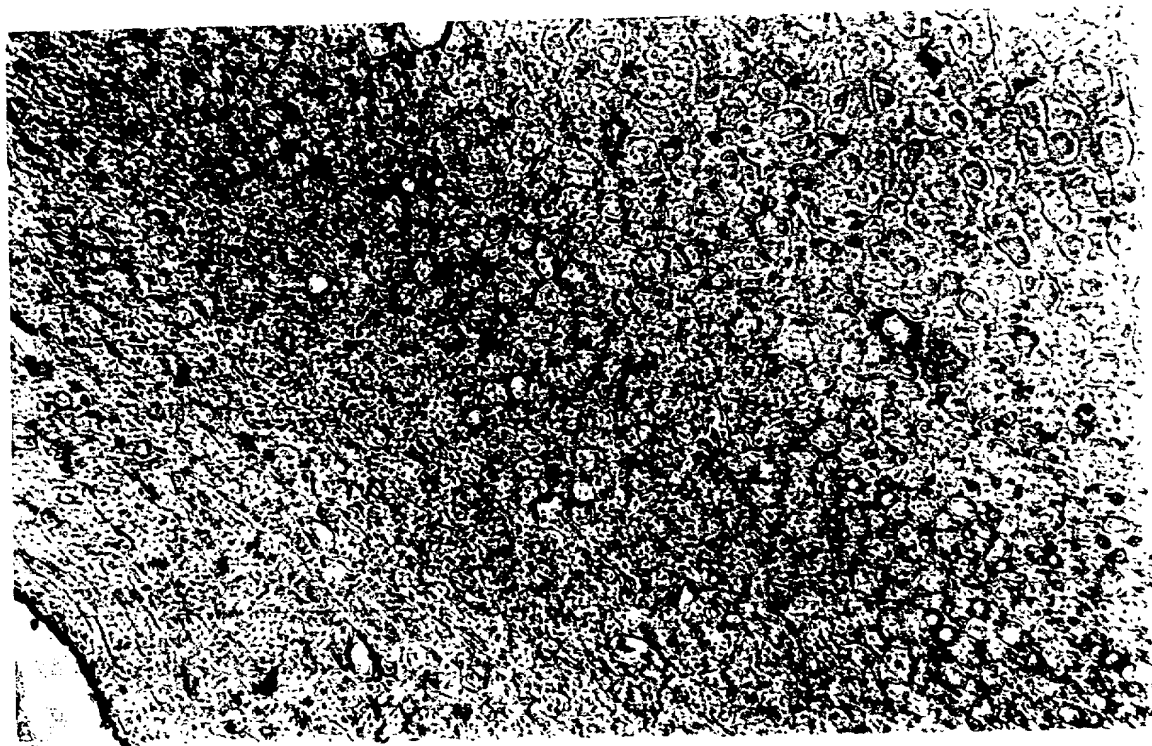
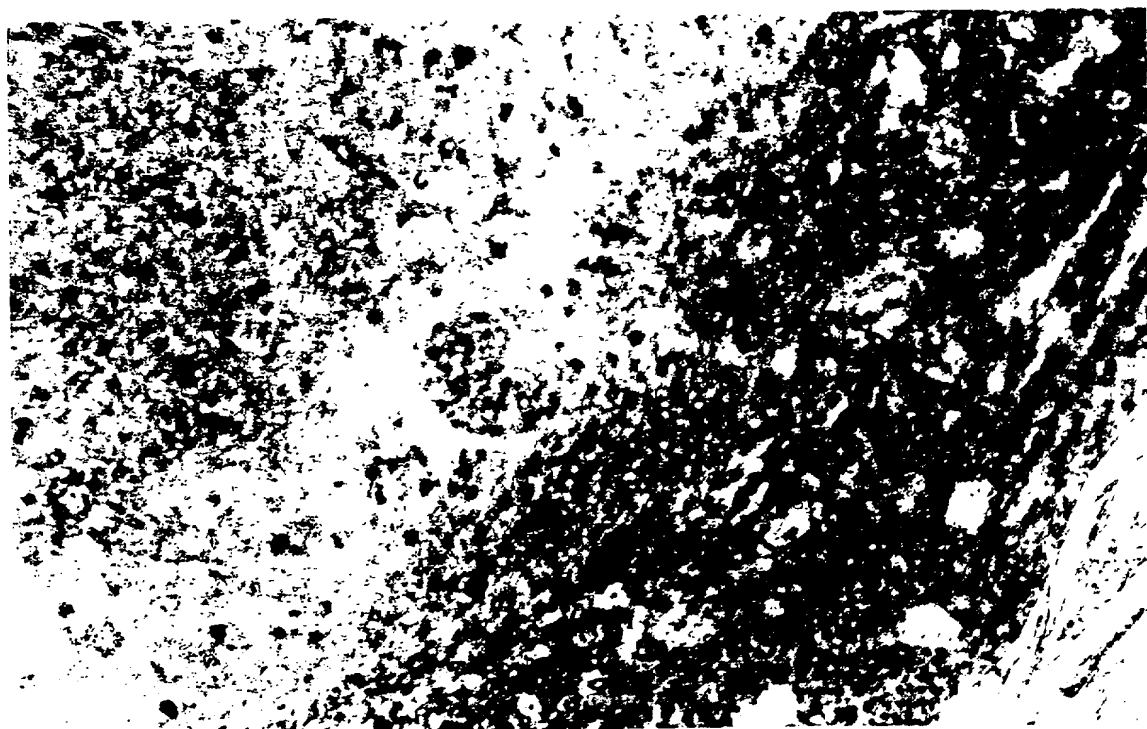
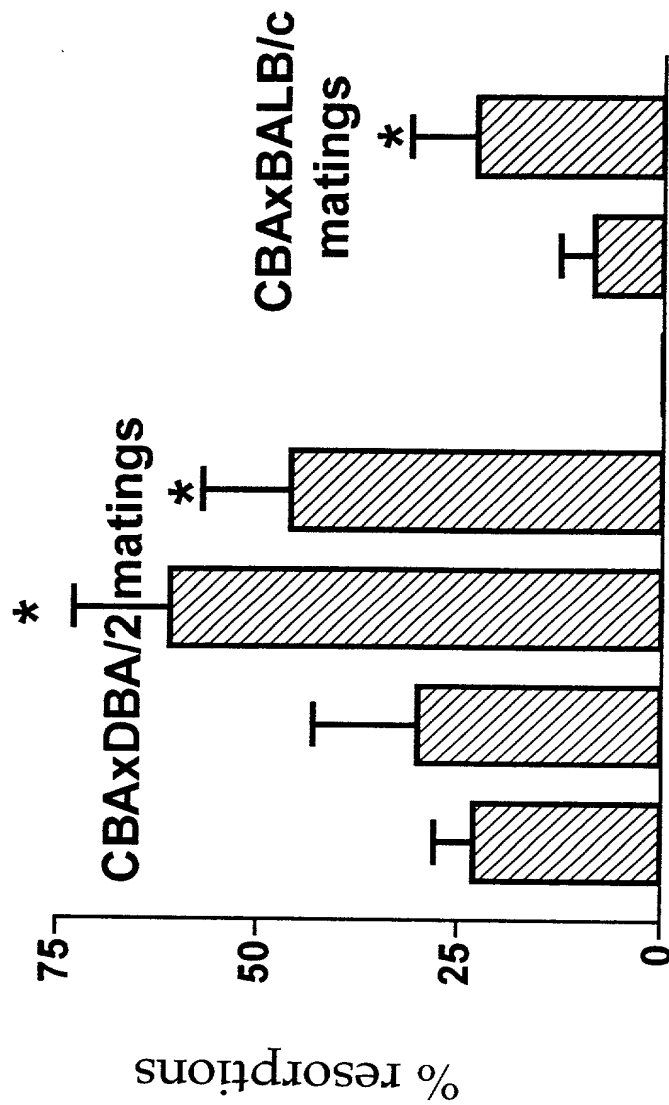


FIGURE 18B



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Effect of anti-OX2 on spontaneous abortions



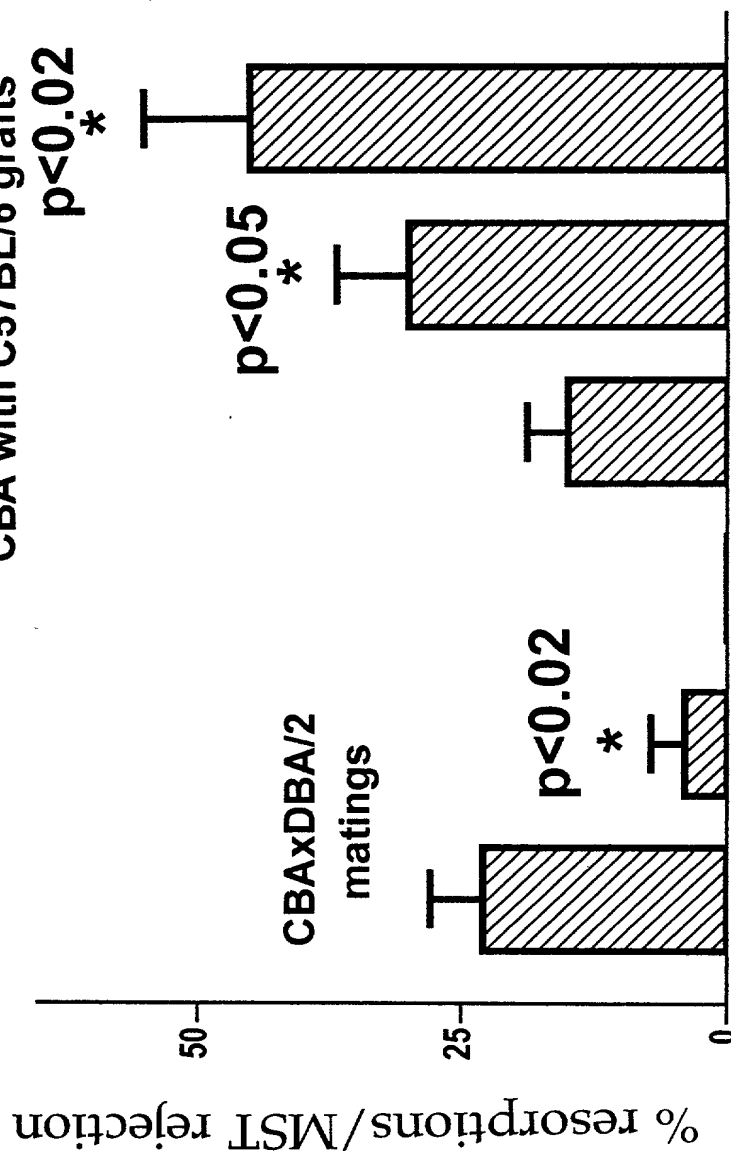
Day of infusion of anti-OX2

FIGURE 20

Effect of OX2:Fc on spontaneous abortions or renal allograft rejection

CBA with C57BL/6 grafts

$p < 0.02$
*



Day of infusion/no. doses of OX2:Fc

FIGURE 21

I

2

3.

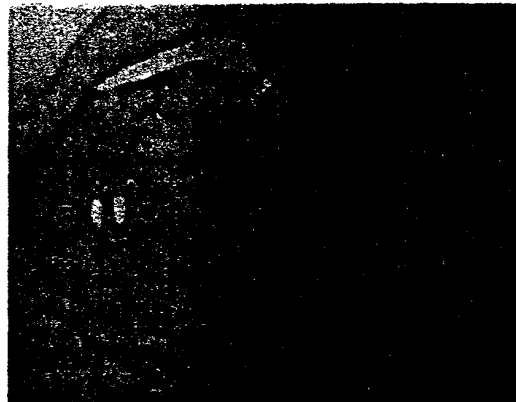
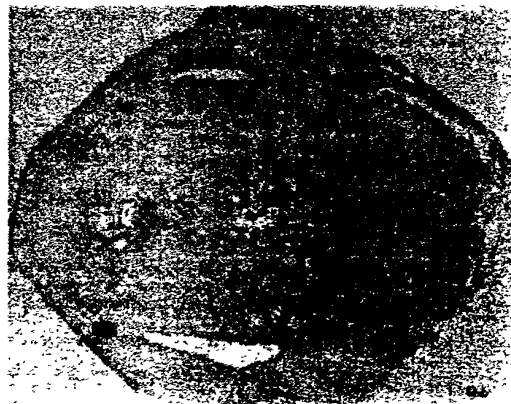
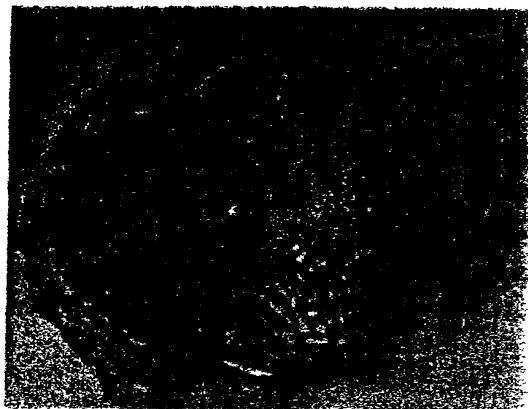
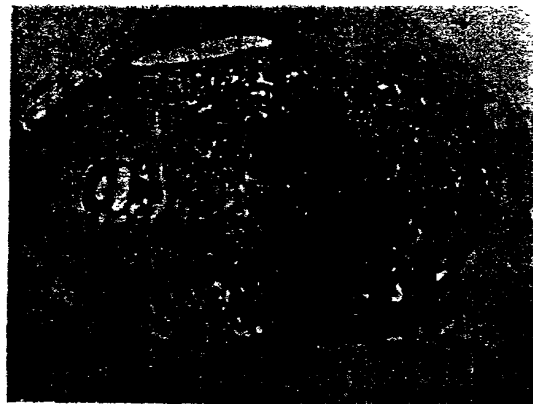
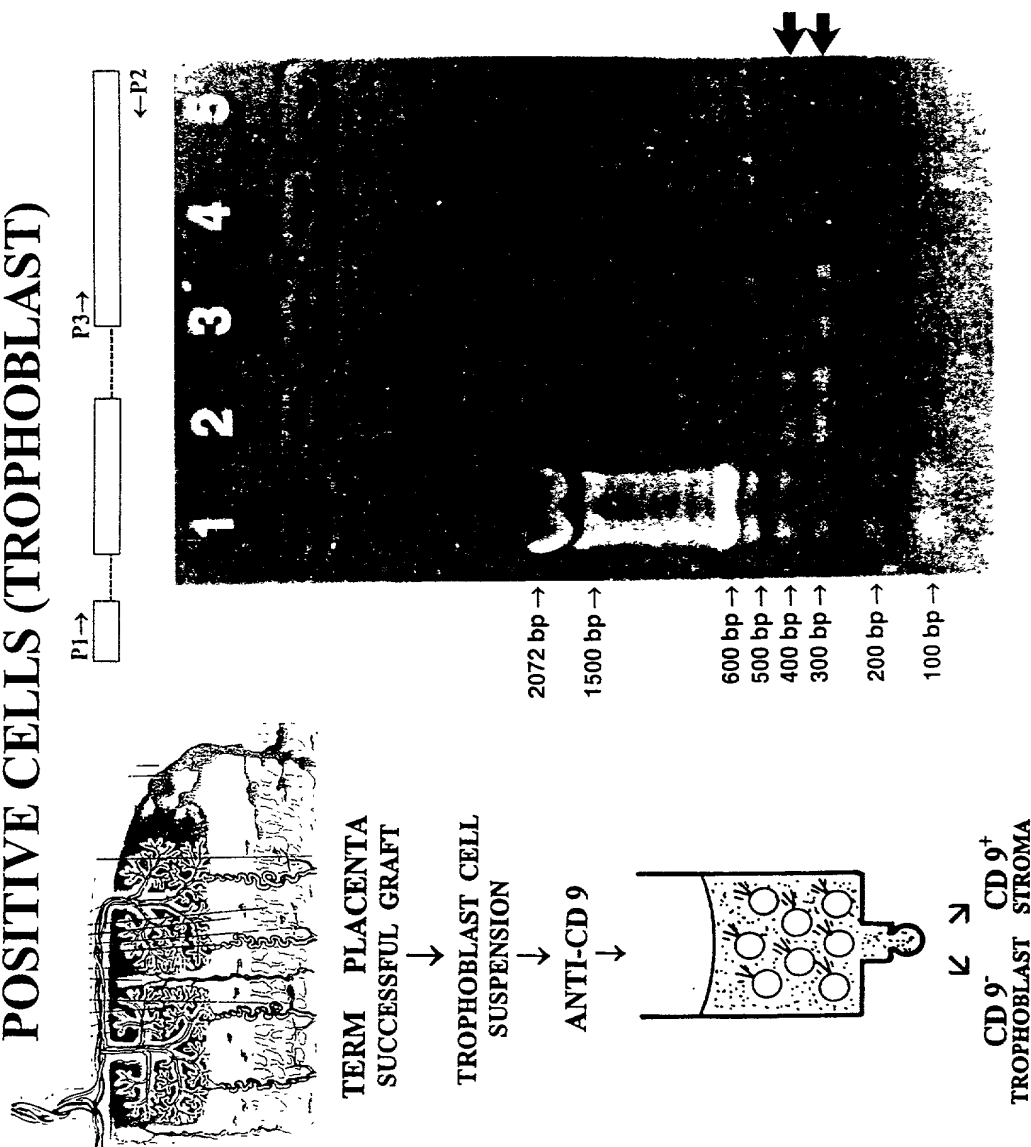


FIGURE 22

EXPRESSION OF OX-2 ON CYTOKERATIN- POSITIVE CELLS (TROPHOBLAST)



EXPRESSION OF OX-2 ON CYTOKERATIN- POSITIVE CELLS (TROPHOBLAST)

